

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	((("6299660") or ("5792228"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/12/13 09:31
S3	62	96/385.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/13 10:18
S4	33	krogmann.in.	US-PGPUB; USPAT	OR	ON	2006/12/13 10:30
S5	107	55/391.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/13 10:46
S7	83	55/462.ccls. and filter	US-PGPUB; USPAT	OR	ON	2006/12/13 10:47
S6	317	55/462.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/13 10:47
S9	53	55/464.ccls. and filter	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 11:09
S10	87	55/465.ccls. and filter	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 11:25
S11	80	55/442.ccls. and filter	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 11:33
S12	70	55/443.ccls. and filter	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 11:48
S14	238	55/499.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 12:58
S17	456	55/501.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 13:21
S15	762	55/500.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 13:21
S21	1376	55/521.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 13:40
S25	466	55/419.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/13 15:19
S33	335	96/134.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/14 10:41
S36	252	96/135.ccls. and filter	US-PGPUB; USPAT	OR	ON	2006/12/14 13:08
S38	137	(HEPA with filter) and paper and nonwoven	US-PGPUB; USPAT	OR	ON	2006/12/14 15:27

EAST Search History

S40	230	(pleat\$3 with filter) same spacer	US-PGPUB; USPAT	OR	ON	2006/12/14 15:29
S39	622	(pleat\$3 with filter) and spacer	US-PGPUB; USPAT	OR	ON	2006/12/15 05:46
S41	88	(pleat\$3 with filter) and (spacer with (plastic polymer))	US-PGPUB; USPAT	OR	ON	2006/12/15 05:50
S43	321	plastic with (foamed and unfoamed)	US-PGPUB; USPAT	OR	ON	2006/12/15 05:59
S42	5	"6,045,597"	US-PGPUB; USPAT	OR	ON	2006/12/15 05:59
S46	71	S45	US-PGPUB; USPAT	OR	ON	2007/04/24 09:12
S52	112	S51	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:13
S50	107	S49	US-PGPUB; USPAT	OR	ON	2007/04/24 09:13
S49	107	55/391.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/24 09:13
S48	62	S47	US-PGPUB; USPAT	OR	ON	2007/04/24 09:13
S47	62	96/385.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/24 09:13
S8	111	55/462.ccls. and filter	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:13
S54	54	S53	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:14
S51	112	55/462.ccls. and filter	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:14
S56	87	S55	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:15
S53	54	55/464.ccls. and filter	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:15
S58	81	S57	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:17
S55	87	55/465.ccls. and filter	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:17

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S62	578	S61	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:18
S60	70	S59	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:18
S59	70	55/443.ccls. and filter	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:18
S57	81	55/442.ccls. and filter	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:18
S13	566	55/497.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:18
S64	244	S63	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:25
S63	244	55/499.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:25
S61	578	55/497.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:25
S66	609	S65	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:28
S16	608	55/500.ccls. not (S14 S13)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:28
S65	609	55/500.ccls. not (S63 S61)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:29
S18	326	55/501.ccls. not (S13 S14 S15)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:30
S69	328	S68	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:32
S67	766	55/500.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:32
S71	1185	S70	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:34

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S70	1185	55/521	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:34
S19	1191	55/502.ccls. not (S13 S14 S15 S17)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:34
S73	1089	S72	US-PGPUB; USPAT	OR	ON	2007/04/24 09:35
S22	1073	55/521.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/24 09:35
S75	146	S74	US-PGPUB; USPAT	OR	ON	2007/04/24 09:36
S74	146	55/494.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/24 09:36
S23	146	55/494.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/24 09:36
S77	745	S76	US-PGPUB; USPAT	OR	ON	2007/04/24 09:37
S76	745	55/418.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/24 09:37
S24	740	55/418.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/24 09:37
S26	170	55/419.ccls. and filter	US-PGPUB; USPAT	OR	ON	2007/04/24 09:38
S79	173	S78	US-PGPUB; USPAT	OR	ON	2007/04/24 10:30
S81	295	S80	US-PGPUB; USPAT	OR	ON	2007/04/24 10:31
S80	295	55/418.ccls. and filter	US-PGPUB; USPAT	OR	ON	2007/04/24 10:31
S78	173	55/419.ccls. and filter	US-PGPUB; USPAT	OR	ON	2007/04/24 10:31
S27	291	55/418.ccls. and filter	US-PGPUB; USPAT	OR	ON	2007/04/24 10:31
S83	1061	S82	US-PGPUB; USPAT	OR	ON	2007/04/24 10:32
S28	1042	(55/486-489).ccls. and filter	US-PGPUB; USPAT	OR	ON	2007/04/24 10:32
S85	506	S84	US-PGPUB; USPAT	OR	ON	2007/04/24 10:35
S29	496	(55/482).ccls. and filter	US-PGPUB; USPAT	OR	ON	2007/04/24 10:35
S88	269	S87	US-PGPUB; USPAT	OR	ON	2007/04/24 10:38

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S34	257	96/134.ccls. and filter	US-PGPUB; USPAT	OR	ON	2007/04/24 10:38
S92	258	S91	US-PGPUB; USPAT	OR	ON	2007/04/24 10:39
S91	258	96/135.ccls. and filter	US-PGPUB; USPAT	OR	ON	2007/04/24 10:39
S90	51	S89	US-PGPUB; USPAT	OR	ON	2007/04/24 10:39
S89	51	96/134.ccls. and (filter with pleat\$3)	US-PGPUB; USPAT	OR	ON	2007/04/24 10:39
S35	47	96/134.ccls. and (filter with pleat\$3)	US-PGPUB; USPAT	OR	ON	2007/04/24 10:39
S96	142	S95	US-PGPUB; USPAT	OR	ON	2007/04/24 10:40
S95	142	(HEPA with filter) and paper and nonwoven	US-PGPUB; USPAT	OR	ON	2007/04/24 10:40
S94	178	S93	US-PGPUB; USPAT	OR	ON	2007/04/24 10:40
S93	178	96/139.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/24 10:40
S37	177	96/139.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/24 10:40
S45	71	96/384.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/03 13:06
S44	1	"20030177909"	US-PGPUB; USPAT	OR	ON	2007/08/03 13:06
S2	69	96/384.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/03 13:06
S10 0	62	S99	US-PGPUB; USPAT	OR	ON	2007/08/03 13:07
S98	72	S97	US-PGPUB; USPAT	OR	ON	2007/08/03 13:07
S97	72	96/384.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/03 13:07
S10 4	85	S103	US-PGPUB; USPAT	OR	ON	2007/08/03 13:08
S10 2	107	S101	US-PGPUB; USPAT	OR	ON	2007/08/03 13:08
S10 1	107	55/391.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/03 13:08
S99	62	96/385.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/03 13:08

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S10 8	89	S107	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:09
S10 6	54	S105	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:09
S10 5	54	55/464.ccls. and filter	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:09
S10 3	113	55/462.ccls. and filter	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:09
S11 4	583	S113	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:10
S11 2	70	S111	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:10
S11 1	70	55/443.ccls. and filter	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:10
S11 0	81	S109	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:10
S10 9	81	55/442.ccls. and filter	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:10
S10 7	89	55/465.ccls. and filter	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:10
S11 6	244	S115	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:11
S11 3	583	55/497.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:11
S11 8	611	S117	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:12
S11 7	611	55/500.ccls. not (S115 S113)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:12
S11 5	244	55/499.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:12

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S12 1	330	S120	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:13
S12 0	330	55/501.ccls. not (S113 S115 S119)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:13
S11 9	768	55/500.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:13
S68	328	55/501.ccls. not (S61 S63 S67)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:13
S12 3	1097	S122	US-PGPUB; USPAT	OR	ON	2007/08/03 13:14
S72	1089	55/521.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/03 13:14
S12 7	752	S126	US-PGPUB; USPAT	OR	ON	2007/08/03 13:15
S12 5	147	S124	US-PGPUB; USPAT	OR	ON	2007/08/03 13:15
S12 4	147	55/494.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/03 13:15
S12 2	1097	55/521.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/03 13:15
S12 9	174	S128	US-PGPUB; USPAT	OR	ON	2007/08/03 13:16
S12 6	752	55/418.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/03 13:16
S13 1	301	S130	US-PGPUB; USPAT	OR	ON	2007/08/03 13:17
S13 0	301	55/418.ccls. and filter	US-PGPUB; USPAT	OR	ON	2007/08/03 13:17
S12 8	174	55/419.ccls. and filter	US-PGPUB; USPAT	OR	ON	2007/08/03 13:17
S13 3	1076	S132	US-PGPUB; USPAT	OR	ON	2007/08/03 13:18
S13 2	1076	(55/486-489).ccls. and filter	US-PGPUB; USPAT	OR	ON	2007/08/03 13:18
S82	1061	(55/486-489).ccls. and filter	US-PGPUB; USPAT	OR	ON	2007/08/03 13:18
S13 5	514	S134	US-PGPUB; USPAT	OR	ON	2007/08/03 13:20
S84	506	(55/482).ccls. and filter	US-PGPUB; USPAT	OR	ON	2007/08/03 13:20

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S13 4	514	(55/482).ccls. and filter	US-PGPUB; USPAT	OR	ON	2007/08/03 13:21
S13 7	273	S136	US-PGPUB; USPAT	OR	ON	2007/08/03 13:22
S87	269	96/134.ccls. and filter	US-PGPUB; USPAT	OR	ON	2007/08/03 13:22
S14 3	178	S142	US-PGPUB; USPAT	OR	ON	2007/08/03 13:23
S14 1	258	S140	US-PGPUB; USPAT	OR	ON	2007/08/03 13:23
S14 0	258	96/135.ccls. and filter	US-PGPUB; USPAT	OR	ON	2007/08/03 13:23
S13 9	51	S138	US-PGPUB; USPAT	OR	ON	2007/08/03 13:23
S13 8	51	96/134.ccls. and (filter with pleat\$3)	US-PGPUB; USPAT	OR	ON	2007/08/03 13:23
S13 6	273	96/134.ccls. and filter	US-PGPUB; USPAT	OR	ON	2007/08/03 13:23
S14 5	148	S144	US-PGPUB; USPAT	OR	ON	2007/08/03 13:24
S14 4	148	(HEPA with filter) and paper and nonwoven	US-PGPUB; USPAT	OR	ON	2007/08/03 13:24
S14 2	178	96/139.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/03 13:24

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	0	(filter and frame and pleat\$2 and (grid same (film strip))) and (glue adhessive)).clm.	US-PGPUB	OR	ON	2007/08/03 13:38
L3	1	(filter and frame and pleat\$2 and (grid same (film strip))).clm.	US-PGPUB	OR	ON	2007/08/03 13:40
L4	0	(filter and frame and pleat\$2 and (grid same (glue adhessive))).clm.	US-PGPUB	OR	ON	2007/08/03 13:41
L5	1	(filter and frame and pleat\$2 and (grid same (glued adhered))).clm.	US-PGPUB	OR	ON	2007/08/03 13:42
L6	1	(filter and frame and pleat\$3 and (grid same (glued adhered))).clm.	US-PGPUB	OR	ON	2007/08/03 13:42
L7	1	(filter and frame and pleat\$3 and (protect\$3 same (glued adhered))).clm.	US-PGPUB	OR	ON	2007/08/03 13:42